

Maciej Tysarowski, MD, FACC

Assistant Professor, Division of Cardiology

University of Colorado School of Medicine, Anschutz Medical Campus

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Curriculum Vitae | Updated July 9, 2026

PROFILE

Assistant Professor in the Division of Cardiology at the University of Colorado School of Medicine, specializing in advanced cardiac imaging and cardio-oncology. Fellowship-trained in cardiovascular CT, cardiovascular magnetic resonance, nuclear cardiology, and echocardiography; board certified in cardiovascular disease, multimodality cardiac imaging, and cardio-oncology. Scholarly work spans cardio-oncology, structural heart disease, and AI-enabled cardiovascular imaging. Committed to evidence-based clinical care, medical education, and global health.

RESEARCH INTERESTS

- Multimodality cardiac imaging in structural heart disease and cardio-oncology
- Artificial intelligence and machine learning in cardiovascular imaging and clinical decision support
- Imaging endpoints and outcomes in cardio-oncology clinical trials

EDUCATION

Doctor of Medicine (MD)

2008–2014

Medical University of Warsaw, Warsaw, Poland

- European Union Erasmus scholarship for a one-year medical school exchange program in Spanish at the University of Alcalá de Henares, Spain (2011–2012)
- Visiting clinical rotations at King's College London (2012), Harvard Medical School (2014), and Brown University (2014).
- ECFMG certification (2017).

POSTGRADUATE TRAINING

Fellowships

Advanced Cardiac Imaging and Cardio-Oncology Fellowship

2024–2026

Yale School of Medicine, New Haven, CT

- Completed Level 3 COCATS training in nuclear cardiology, cardiovascular magnetic resonance, and cardiovascular computed tomography (June 2026).
- Advanced clinical training in cardio-oncology; International Cardio-Oncology Society certification completed in 2025.

Cardiovascular Disease Fellowship

2021–2024

University of Connecticut School of Medicine, Hartford Hospital, Hartford, CT

- Completed Level 3 COCATS training in echocardiography and structural echocardiography.

Internship and Residencies

Internal Medicine Residency (with Distinction in Medical Education)

2018–2021

Rutgers New Jersey Medical School, Newark, NJ

Cardiology Residency

2016–2018

Postgraduate Medical School, Grochowski Hospital, Warsaw, Poland

General Internship

2014–2015

Postgraduate Medical School, Grochowski Hospital, Warsaw, Poland

BOARD CERTIFICATIONS

Certification Board of Cardiovascular Computed Tomography (CBCCT)	<i>Certified 2025</i>
Certification Exam in Cardio-Oncology Knowledge (ICOS)	<i>Certified 2025</i>
Certification Board of Cardiovascular Magnetic Resonance (CBCMR)	<i>Certified 2025</i>
Cardiovascular Disease, American Board of Internal Medicine (ABIM)	<i>Certified 2024</i>
Certification Board of Nuclear Cardiology (CBNC)	<i>Certified 2023</i>
Adult Echocardiography, National Board of Echocardiography (NBE)	<i>Certified 2023</i>
Internal Medicine, American Board of Internal Medicine (ABIM)	<i>Certified 2021</i>

MEDICAL LICENSURE

State of Colorado, unrestricted	<i>Active, Expires April 2027</i>
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PROFESSIONAL MEMBERSHIPS

Fellow of the American College of Cardiology (FACC)	<i>2025–Present</i>
Fellow and Resident Leaders of SCCT (FiRST) Committee, Society of Cardiovascular Computed Tomography	<i>2025–2028</i>
Sigma Xi, The Scientific Research Honor Society, member	<i>2025–Present</i>
Society for Cardiovascular Magnetic Resonance (SCMR), member	<i>2024–Present</i>
American Society of Nuclear Cardiology (ASNC), member	<i>2024–Present</i>
International Cardio-Oncology Society (ICOS), member	<i>2024–Present</i>

HONORS AND AWARDS

Reviewer of the Month, Cardiovascular Diagnosis and Therapy journal	<i>2025</i>
- Contributions to the peer review process	
Erasmus Practices Scholarship, European Union	<i>2012</i>
- Funded 3-month clinical electives at King's College London	
Erasmus International Exchange Scholarship, European Union	<i>2011–2012</i>
- Funded a 1-year MD international exchange program in Spain	
Scholarship for Exceptional Academic Performance, Medical University of Warsaw	<i>2012</i>

ABSTRACT AWARDS AND RECOGNITIONS

SCMR Early Career Award Clinical session abstract (co-author)	<i>2025</i>
Hartford County Medical Association Young Physicians Research Award abstract (co-author)	<i>2024</i>

GRANT SUPPORT

Polish Aid Grant, Ministry of Foreign Affairs of Poland	<i>2015</i>
<i>Project: "Ili Wawe Na Afya" – Delivering medical care in Kiabakari and Butiama district in Tanzania, Project Leader, Grant Amount: \$24,800</i>	

EDITORIAL ROLES AND PEER REVIEW

Editorial Board and Recognition

BMC Cardiovascular Disorders (ISSN: 1471-2261), Editorial Board Member	<i>2026–Present</i>
Cardiovascular Diagnosis and Therapy (ISSN: 2223-3652), Editorial Board Member	<i>2025–2027</i>
Clinical Medicine Insights: Case Reports (ISSN: 1179-5476), Editorial Board Member	<i>2025–2026</i>
JACC Peer Review Certificate Awardee	<i>2025 cohort</i>

Ad Hoc Peer Review

Completed 40 peer review reports for 25 journals including JACC: Cardiovascular Imaging, JACC: Case Reports, Cancer Reports, Journal of Cardiovascular Computed Tomography, Cardio-Oncology, Cardiovascular Diagnosis and Therapy, Journal

PEER-REVIEWED PUBLICATIONS

- Paschalidis P, Stoumpou V, Everest L, Ma Y, Azemi T, Haider J, Zweibel S, Protopapas EM, Mather J, **Tysarowski M**, Sarris GE, Hagberg RC, Haronian HL, Bertsimas D. Towards optimal valve prescription for transcatheter aortic valve replacement (TAVR) surgery: a machine learning approach. *Health Care Management Science*. 2026;29(3):27. DOI: [10.1007/s10729-026-09768-4](https://doi.org/10.1007/s10729-026-09768-4).
- Hogwood AC, Smarz K, Golino M, **Tysarowski M**, et al. Determinants of Cardiorespiratory Fitness after Successfully Reperfused ST-Elevation Myocardial Infarction. *Current Problems in Cardiology*. 2026;51(10):103382. DOI: [10.1016/j.cpcardiol.2026.103382](https://doi.org/10.1016/j.cpcardiol.2026.103382).
- Kwan JM, Khattab M, **Tysarowski M**, et al. Prospective Serial Cardiovascular Magnetic Resonance Imaging of Immune Checkpoint Inhibitor Myocarditis Correlates with Cardiovascular Outcomes. *Journal of Cardiovascular Magnetic Resonance*. 2026;102743. DOI: [10.1016/j.jocmr.2026.102743](https://doi.org/10.1016/j.jocmr.2026.102743).
- Trzebicka J, **Tysarowski M**, Sanfilippo F, Gonzalez FA, Slama M, Zawadka M. Left Ventricular Outflow Tract Obstruction in Critically Ill Patients: From Pathophysiology and Diagnosis to Management with the "LVOTO" Bundle. *Anaesthesia Critical Care & Pain Medicine*. 2026;101770. DOI: [10.1016/j.accpm.2026.101770](https://doi.org/10.1016/j.accpm.2026.101770).
- Smarz K, **Tysarowski M**. Response to comment on "Low chronotropic response in post-myocardial infarction exercise test predicts worse prognosis in patients with preserved or mildly reduced left ventricular ejection fraction." *International Journal of Cardiology*. 2025;437:133484. DOI: [10.1016/j.ijcard.2025.133484](https://doi.org/10.1016/j.ijcard.2025.133484).
- Smarz K, **Tysarowski M**, Ziolo J, Zaborska B, Jaxa-Chamiec T, Budaj A. Low chronotropic response in post-myocardial infarction exercise test predicts worse prognosis in patients with preserved or mildly reduced left ventricular ejection fraction. *International Journal of Cardiology*. 2025;433:133320. DOI: [10.1016/j.ijcard.2025.133320](https://doi.org/10.1016/j.ijcard.2025.133320).
- Hammer M, **Tysarowski M**, Fuss C, Bader A. Cardiac Magnetic Resonance Imaging in Immune Checkpoint Inhibitor-Related Myocarditis. *Echocardiography*. 2025;42(3). DOI: [10.1111/echo.70131](https://doi.org/10.1111/echo.70131).
- Suero-Abreu GA, Lim P, Raza A, **Tysarowski M**, Mehta K, Kortbawi M, Feldman S, Waller AH. Effect of variable left ventricular ejection fraction assessed by equilibrium radionuclide angiocardiology using different software packages on the diagnosis of cardiotoxicity in patients with cancer. *Journal of Nuclear Cardiology*. 2024;31:101782. DOI: [10.1016/j.nuclcard.2023.101782](https://doi.org/10.1016/j.nuclcard.2023.101782).
- Rashid S, Suero-Abreu GA, **Tysarowski M**, et al. Increasing statin prescription rates to prevent cardiovascular disease among high-risk populations: a quality improvement intervention centred on a novel interactive tool. *BMJ Open Quality*. 2022;11(3):e001947. DOI: [10.1136/bmjopen-2022-001947](https://doi.org/10.1136/bmjopen-2022-001947).
- Rashid S, **Tysarowski M**, Naranjo J, Dhole A, Petrovic L, Aziz EF. Characteristics of warfarin under-prescription in older adults with atrial fibrillation. *IJC Heart & Vasculture*. 2021;37:100914. DOI: [10.1016/j.ijcha.2021.100914](https://doi.org/10.1016/j.ijcha.2021.100914).
- Smarz K, Jaxa-Chamiec T, Zaborska B, **Tysarowski M**, Budaj A. Mechanisms of Exercise Capacity Improvement after Cardiac Rehabilitation Following Myocardial Infarction Assessed with Combined Stress Echocardiography and Cardiopulmonary Exercise Testing. *Journal of Clinical Medicine*. 2021;10(18):4083. DOI: [10.3390/jcm10184083](https://doi.org/10.3390/jcm10184083).
- Smarz K, Jaxa-Chamiec T, Zaborska B, **Tysarowski M**, Budaj A. Combined use of stress echocardiography and cardiopulmonary exercise testing to assess exercise intolerance in patients treated for acute myocardial infarction. *PLOS ONE*. 2021;16(8):e0255682. DOI: [10.1371/journal.pone.0255682](https://doi.org/10.1371/journal.pone.0255682).
- Smarz K, **Tysarowski M**, Zaborska B, et al. Chronotropic Incompetence Limits Aerobic Exercise Capacity in Patients Taking Beta-Blockers: Real-Life Observation of Consecutive Patients. *Healthcare*. 2021;9(2):212. DOI: [10.3390/healthcare9020212](https://doi.org/10.3390/healthcare9020212).
- Suero-Abreu GA, Karatasakis A, Rashid S, **Tysarowski M**, et al. Factors Associated with Disparities in Appropriate Statin Therapy in an Outpatient Inner City Population. *Healthcare*. 2020;8(4):361. DOI: [10.3390/healthcare8040361](https://doi.org/10.3390/healthcare8040361).
- Smarz K, Zaborska B, Jaxa-Chamiec T, **Tysarowski M**, Budaj A. Right ventricular systolic function as a marker of prognosis after ST-elevation inferior myocardial infarction: 5-year follow-up. *International Journal of Cardiology*. 2016;221:549-553. DOI: [10.1016/j.ijcard.2016.07.088](https://doi.org/10.1016/j.ijcard.2016.07.088).

MANUSCRIPTS UNDER REVIEW

Tysarowski M, Gokhan I, Manchanda N, Hong D, Abushouk A, Crowdis J, Cross J, Jeyashanmugaraja A, Lin D, Shen M, Bow L, Miller M, Campbell S, Kwan JM. Angiotensin II Type 1 Receptor Autoantibodies Associated with Immunosuppression Resistant Immune Checkpoint Inhibitor Associated Myocarditis and Adverse Cardiac Remodeling. Submitted to: *JACC: CardioOncology*.

Raza A, Lim P, **Tysarowski M**, Bertot J, Ippolito P, Abraham M, Gerula C, Waller A, Gardin JM, Klapholz M. A retrospective study of the prognostic utility of coronary angiography in pre-operative cardiac evaluation for liver transplantation. Submitted to: *IJC Heart & Vasculture*.

Tysarowski M, Khattab M, Akhter N, Lewandowski D, Suero Abreu G, Neilan T, Ghosh A, Ramu, Chen MH, Cheng R, Thavendiranathan P, Koutroumpakis E, Ali A, Sadler D, Addison D. Imaging Endpoints in Cardio-Oncology Experimental Studies and Clinical Trials: ACC Cardio-Oncology Imaging Working Group State of the Art Review. Submitted to: *JACC: Cardiovascular Imaging*.

Addison D, **Tysarowski M**, Thavendiranathan P, Ghosh A, Lewandowski D, Suero Abreu G, Akhter N, Ali A, Khalaf SZ, Palaskas N, Namburu L, Sharma S, Lee DH, Yang E, Sadler D, Epperla N, Khattab M. Cardiovascular Imaging in Patients Receiving Cancer Immunotherapies: An Expert Consensus Document from the ACC Cardio-Oncology Imaging Working Group, endorsed by the International Cardio-Oncology Society (ICOS). Submitted to: *Journal of the American College of Cardiology*.

PREPRINTS

Stoumpou V, **Tysarowski M**, Azemi T, Haider J, Haronian HL, Hagberg RC, Bertsimas D. An Interpretable AI Tool for SAVR vs TAVR in Low to Intermediate Risk Patients with Severe Aortic Stenosis. arXiv preprint. 2025. DOI: [10.48550/arXiv.2512.10308](https://doi.org/10.48550/arXiv.2512.10308).

Tysarowski M, Nigri R, Patel B, Suero-Abreu GA, Pratap B, Bastawrose J, Aziz J, Kim H, Herzog E, Aziz EF. Digoxin is Associated with Increased Mortality in Patients with Atrial Fibrillation without Concomitant Heart Failure. medRxiv preprint. 2020. DOI: [10.1101/2020.08.07.20169888](https://doi.org/10.1101/2020.08.07.20169888).

INVITED LECTURES

Grand Rounds: "From Data to Diagnosis: How Machine Learning Is Transforming Cardiology" University of Colorado School of Medicine, Aurora, CO June 12, 2025

Invited Lecture: "From Data to Diagnosis: How Machine Learning is Changing Cardiology" University of Kentucky College of Medicine, Lexington, KY April 1, 2025

Invited Lecture: "From Data to Diagnosis: The Role of AI in Modern Cardiology and Cardiac Imaging" University of Iowa Carver College of Medicine, Iowa City, IA (Virtual) March 28, 2025

Grand Rounds: "From Data to Diagnosis: Role of Artificial Intelligence in Modern Cardiology" University of Connecticut / Hartford Hospital, Hartford, CT May 5, 2024

Clinical Pathological Conference (CPC): "An Interesting Case of a Woman with Fever Returning from Asia" Rutgers New Jersey Medical School / University Hospital, Newark, NJ October 1, 2020

CONFERENCE PRESENTATIONS AND ABSTRACTS

Wright CX, **Tysarowski M**, Park DY, Tichy D, Miller EJ, Vashist A. "Early Radiotracer Injection at Submaximal Stress in a Markedly Abnormal Exercise SPECT Study." Oral presentation (Lightning Round) at the American Society of Nuclear Cardiology Annual Scientific Session (ASNC2026), Las Vegas, NV; September 17, 2026 (Session: Lightning Round Cases: Myocardial Ischemia and Atherosclerosis and Technology, Tracers, Instrumentation, Software).

Tysarowski MK, Crowdis J, Lin D, Cross J, Im Y, Miller M, Bow L, Kwan JM. "Angiotensin II Type 1 Receptor Autoantibodies in Immune Checkpoint Inhibitor Myocarditis: Association with Myocardial Scar and Resistance to Immunosuppression." J Am Coll Cardiol. 2026;87(13_Supplement):A1114–A1115. DOI: 10.1016/j.jacc.2026.02.2733. Moderated poster presentation at the American College of Cardiology 75th Annual Scientific Session (ACC.26), New Orleans, LA; March 28–30, 2026 (Session: Cardio-Oncology: New Frontiers in Cardio-Protection).

Csecs I, **Tysarowski M**, Soo CY, Emokpae M, Markousis-Mavrogenis G, Dumitru RB, Bissell LA, Panopoulos S, Sfrikakis P, Buch M, Del Galdo F, Mavrogeni S, Plein S, Hinchcliff M, Feher A. "Elevated Mortality Linked to Myocardial Fibrosis in Systemic Sclerosis: A Multicenter CMR Study in Autoimmune Rheumatic Diseases." J Scleroderma Relat Disord. 2026;11(Suppl 1). DOI: 10.1136/JSRD-2026-SSWC.6. Oral communication (OC.06) at the 9th Systemic Sclerosis World Congress (SSWC 2026), Athens, Greece; March 5–7, 2026 (Session 3: Imaging).

Wahi S, Cross JL, **Tysarowski M**, Csecs I, Baig M, Ruiz D, Feher A, Kwan JM. "A systematic evaluation of open-source large language models for automated extraction of cardiac MRI parameters from unstructured reports. DOI: <https://doi.org/10.1093/eurheartj/ehaf784.4499> " ESC Congress 2025 (ESC 365) - Poster, Session: Artificial intelligence in cardiac imaging: transforming diagnosis and treatment strategies.

- Tysarowski M**, Khattab M, Zarif T, Kwan JM, Baldassarre LA. Prospective evaluation of ICI myocarditis: Late gadolinium enhancement predicts mortality. *Journal of Cardiovascular Magnetic Resonance*. DOI: <https://doi.org/10.1016/j.jocmr.2024.101249>. Oral presentation at SCMR 2025, Washington DC
- Tysarowski M**, Mai X, Shaik A, Melo L, O'Loughlin M, Mandavilli S, Duran K, Nadig V. Extensive endomyocardial fibrosis in a patient with cardiogenic shock. *Journal of Cardiovascular Magnetic Resonance*. DOI: <https://doi.org/10.1016/j.jocmr.2024.101765>. Oral presentation at SCMR 2025, Washington DC.
- Csecs I, **Tysarowski M**, Baldassarre LA, Feher A. Cardiac MRI predicts mortality in patients with autoimmune rheumatic diseases. *Journal of Cardiovascular Magnetic Resonance*. DOI: <https://doi.org/10.1016/j.jocmr.2024.101317>. Oral presentation at SCMR 2025, Washington DC.
- Baig MS, **Tysarowski M**, Ruiz D, Fuss C, Baldassarre LA. Secondary hemochromatosis in a patient with supraventricular tachycardia and new decompensated heart failure. *Journal of Cardiovascular Magnetic Resonance*. DOI: <https://doi.org/10.1016/j.jocmr.2024.101736>. Oral presentation at SCMR 2025, Washington DC.
- Lico I, Riaz S, **Tysarowski M**, Weissler-Snir A, Nadig V. Specific Cardiac Magnetic Resonance Imaging Findings In Titin (TTN) Dilated Cardiomyopathy: A Retrospective Pilot Study. *Journal of Cardiac Failure*. DOI: <https://doi.org/10.1016/j.cardfail.2024.10.256>. 2025;31(1):281.
- Smarz K, Dulgheru R, **Tysarowski M**, Lancellotti P. Low forward stroke volume index after transcatheter edge-to-edge repair for secondary mitral regurgitation predicts a worse prognosis in a 2-year follow-up. *European Heart Journal - Cardiovascular Imaging*. DOI: <https://doi.org/10.1093/ehjci/jeae333.129>. Oral presentation at EuroEcho-Imaging 2024, Berlin, Germany.
- Tysarowski M**, Chanda A, Duvall L. Hemodynamic changes and myocardial flow reserve in positron emission tomography regadenoson stress testing. *J Nucl Cardiol*. 2024;38(Suppl 1):101963. DOI: [10.1016/j.nuclcard.2024.101963](https://doi.org/10.1016/j.nuclcard.2024.101963). Poster presentation at ASNC 2024, Austin, TX.
- Neshiwat P, **Tysarowski M**, Duvall L. Segmental pyrophosphate uptake in cardiac amyloidosis. *J Nucl Cardiol*. 2024;38(Suppl 1):101952. DOI: [10.1016/j.nuclcard.2024.101952](https://doi.org/10.1016/j.nuclcard.2024.101952). Poster presentation at ASNC 2024, Austin, TX.
- Smarz K, **Tysarowski M**, Ziolo J, Zaborska B, Jaxa-Chamiec T, Budaj A. Low chronotropic response in post-myocardial infarction exercise test predicts worse prognosis in patients with preserved or mildly reduced left ventricular ejection fraction. DOI: <https://doi.org/10.1093/eurheartj/ehae666.2963>. Poster presentation at ESC Congress 2024, London, UK
- Palle S, Reddy S, **Tysarowski M**, Zweibel SL, McKay R, Bhatt PS. Bacteremia in patients with permanent pacemaker implantation post-transcatheter aortic valve implantation. *Heart Rhythm*. 2024;21(5 Suppl). DOI: [10.1016/j.hrthm.2024.03.866](https://doi.org/10.1016/j.hrthm.2024.03.866). Poster presentation at Heart Rhythm 2024, Boston, MA.
- Palle S, Jumper RD, Carreras ET, Badr M, **Tysarowski M**, Haider J, Bhatt PS, McMahon SR, McKay RG, Piccirillo B. Outcomes of transcatheter left atrial appendage occlusion in patients with prior intracranial hemorrhage. *J Am Coll Cardiol*. 2024 Apr;83(13_Supplement):225. DOI: [10.1016/S0735-1097\(24\)02215-0](https://doi.org/10.1016/S0735-1097(24)02215-0). Poster presentation at ACC 2024, Atlanta, GA.
- Shaik A, Panza G, Muco E, Garikapati S, **Tysarowski M**, Riaz S, Nowlan B. The association between coronary calcium score and ASCVD outcomes in patients with severe hyperlipidemia. *J Am Coll Cardiol*. 2024 Apr;83(13_Supplement):2020. DOI: [10.1016/S0735-1097\(24\)04010-5](https://doi.org/10.1016/S0735-1097(24)04010-5). Poster presentation at ACC 2024, Atlanta, GA.
- Kompella R, Riaz S, **Tysarowski M**, et al. The law of parsimony: membranous ventricular septal aneurysm edition. *J Am Coll Cardiol*. 2024 Apr;83(13_Supplement):3121. DOI: [10.1016/S0735-1097\(24\)05111-8](https://doi.org/10.1016/S0735-1097(24)05111-8). Poster presentation at ACC 2024, Atlanta, GA.
- Wagner H, Gluck J, Jain AK, Joshi S, **Tysarowski M**, Ingrassia J. Strategy of VA-ECMO with delayed percutaneous thrombectomy for catastrophic pulmonary embolism. *J Am Coll Cardiol*. 2024;83(13_Supplement):3899. DOI: [10.1016/S0735-1097\(24\)05889-3](https://doi.org/10.1016/S0735-1097(24)05889-3). Poster presentation at ACC 2024, Atlanta, GA.
- Chanda A, Milshteyn E, **Tysarowski M**, Nadig V. Use of DL reconstruction for highly undersampled CINE images in patients with cardiomyopathy. *J Cardiovasc Magn Reson*. 2024;26(Suppl 1):100815. DOI: [10.1016/j.jocmr.2024.100815](https://doi.org/10.1016/j.jocmr.2024.100815). Poster presentation at SCMR 2024, London, UK.
- Riaz S, Konstantinidis I, **Tysarowski M**, Gluck J, Ali A, Jaiswal A. A contemporary report of clinical outcomes associated with Impella 5.5 in patients with cardiogenic shock. *J Card Fail*. 2024;30(1). DOI: [10.1016/j.cardfail.2023.10.287](https://doi.org/10.1016/j.cardfail.2023.10.287). Poster presentation at SCMR 2024, London, UK.
- Riaz S, Pillai A, Lico I, **Tysarowski M**, Shaik A, Arora S, Jaiswal A. Inhibition of sodium-glucose transport protein as a therapeutic option in patients with transthyretin cardiac amyloidosis. *J Card Fail*. 2024;30(1):176-177. DOI: [10.1016/j.cardfail.2023.10.147](https://doi.org/10.1016/j.cardfail.2023.10.147). Poster presentation at HFSA 2023 Cleveland, OH.
- Shaik A, **Tysarowski M**, Riaz S, Gonuguntla K, Mather J, Weissler-Snir A. Predictors of atrial fibrillation recurrence in cardiac and non-cardiac patients with post-operative atrial fibrillation. *Heart Rhythm*. 2023;20(5 Suppl). DOI: [10.1016/j.hrthm.2023.03.317](https://doi.org/10.1016/j.hrthm.2023.03.317). Poster presentation at Heart Rhythm Society 2023, New Orleans, LA.

- Khalid MF, Ahmed F, Memon S, Ahsan M, Ghani AR, **Tysarowski M**, Mather J, Kulman C, McMahon S, Duvall W, Azemi T, Sadiq IR, McKay RG, et al. In-hospital and 1-year outcomes of transcatheter aortic valve replacement in patients with extremely large aortic annuli. *J Soc Cardiovasc Angiogr Interv*. 2023;2(3):100768. DOI: [10.1016/j.jscai.2023.100768](https://doi.org/10.1016/j.jscai.2023.100768). Poster presentation at SCAI 2023, Phoenix, AZ.
- Tysarowski M**, Schreyer E, Duvall WL, Schwartz S, Arora S, O'Loughlin M, Mydung D, Nadig V. Titin cardiomyopathy in a patient with multiorgan sarcoidosis. Oral presentation at SCMR 2023, San Diego, CA.
- Pinho de Carvalho L, **Tysarowski M**, Khanna L, Nadig V. Dual chamber cardiac thrombi associated with multiple thromboembolic events. Poster presentation at Connecticut American College of Physicians Annual Scientific Meeting 2022, Plantsville, CT.
- Khanna L, **Tysarowski M**, Pinho de Carvalho L, Nadig V. Left ventricular outflow tract-right atrioventricular fistula: a rare complication of infective endocarditis. Poster presentation at Connecticut American College of Physicians Annual Scientific Meeting 2022, Plantsville, CT.
- Smarz K, **Tysarowski M**, Ziolo J, Jaxa-Chamiec T, Zaborska B, Budaj A. Low chronotropic index predicts rehospitalization in post-acute myocardial infarction patients with preserved or mildly reduced left ventricular ejection fraction. *Eur Heart J*. 2022;43(Suppl_2):2463. DOI: [10.1093/eurheartj/ehac544.2463](https://doi.org/10.1093/eurheartj/ehac544.2463). Poster presentation at ESC Congress 2022, Barcelona, Spain.
- Jumkhawala S, **Tysarowski M**, Ali H, Hemam M, Sutherland A. Impact of targeted resident education on perceptions of communication and participation in cardiac arrest. *Circulation*. 2021;144(Suppl_2):13198. DOI: [10.1161/circ.144.suppl_2.13198](https://doi.org/10.1161/circ.144.suppl_2.13198). Virtual presentation at American Heart Association Scientific Sessions 2021.
- Smarz K, Jaxa-Chamiec T, Zaborska B, **Tysarowski M**, Budaj A. Determinants of exercise capacity improvement after cardiac rehabilitation following myocardial infarction assessed with combined stress echocardiography and cardiopulmonary exercise testing. *Kardiol Pol*. 2021. DOI: [10.33963/KP.2021.0109](https://doi.org/10.33963/KP.2021.0109). Presented at 25th International Congress of the Polish Cardiac Society Online.
- Rashid S, Suero-Abreu GA, **Tysarowski M**, Um H, Zhang Y, Shah K, Douglas A, Matassa D. Improving adherence to cholesterol-lowering guidelines through an interactive digital tool. *Eur Heart J Digit Health*. 2021;2(4):3081. DOI: [10.1093/ehjdh/ztab104.3081](https://doi.org/10.1093/ehjdh/ztab104.3081). Virtual presentation at ESC Digital Health Summit 2021.
- Rashid S, **Tysarowski M**, Naranjo J, Dhole A, Petrovic L, Aziz EF. Characteristics of warfarin underprescription in older adults with atrial fibrillation. *Eur Heart J*. 2021;42(Suppl_1):2828. DOI: [10.1093/eurheartj/ehab724.2828](https://doi.org/10.1093/eurheartj/ehab724.2828). Virtual presentation at ESC 2021.
- Rashid S, Suero-Abreu G, **Tysarowski M**, et al. "STATINCALC": promoting cholesterol guideline adherence via an original online tool. *J Am Coll Cardiol*. 2021 May;77(18_Supplement_1):3274. DOI: [10.1016/S0735-1097\(21\)04628-3](https://doi.org/10.1016/S0735-1097(21)04628-3). Virtual presentation at ACC 2021.
- Raza A, Lim P, **Tysarowski M**, Bertot J, Ippolito P, Gerula C, Waller A, Gardin J, Klapholz M. Prognostic utility of coronary angiography in pre-operative cardiac evaluation for liver transplantation. *Catheter Cardiovasc Interv*. 2021;S9-S111. DOI: [10.1002/ccd.29644](https://doi.org/10.1002/ccd.29644). Virtual presentation at SCAI 2021 Scientific Sessions.
- Tysarowski M**, Rafael N, Kim H, Aziz E. Digoxin is associated with increased mortality in patients with atrial fibrillation without concomitant heart failure. *Circulation*. 2020;142(Suppl_3):16085. DOI: [10.1161/circ.142.suppl_3.16085](https://doi.org/10.1161/circ.142.suppl_3.16085). Virtual presentation at American Heart Association Scientific Sessions 2020.
- Tysarowski M**, Smarz K, Zaborska B, Pilichowska-Paszkiel E, Sikora-Frac M, Budaj A, Jaxa-Chamiec T. Chronotropic incompetence limits exercise capacity in patients taking beta-blockers. *Circulation*. 2020;142(Suppl_3):16002. DOI: [10.1161/circ.142.suppl_3.16002](https://doi.org/10.1161/circ.142.suppl_3.16002). Virtual presentation at American Heart Association Scientific Sessions 2020.
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- Rashid S, Suero-Abreu GA, Karatasakis A, **Tysarowski M**, Douglas AY, Patel R, Siddiqui E, Bhardwaj A, Gerula CM, Matassa D. Factors associated with disparities in appropriate statin therapy in an outpatient inner-city population. *Med Sci*. 2020;8(4):50. DOI: [10.3390/medsci8040050](https://doi.org/10.3390/medsci8040050). Virtual presentation at Cardiometabolic Health Congress 2020.
- Tysarowski M**, Danek B, Ali H, Liang J, Feurdean M, Sutherland A. The impact of a multidisciplinary debriefing protocol after in-hospital cardiac arrest on healthcare provider perspectives. *Resuscitation*. 2020;155(Suppl 1). DOI: [10.1016/j.resuscitation.2020.08.116](https://doi.org/10.1016/j.resuscitation.2020.08.116). Virtual presentation at Resuscitation Virtual Congress 2022.

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Saleh M, Silva-Cantillo D, **Tysarowski M**, Hodokar A, Barbour M, Alqadi R, Witherby S. Cocaine-induced thrombotic thrombocytopenic purpura. Poster presentation at Rhode Island American College of Physicians Annual Scientific Meeting 2015, Providence, RI.

TEACHING EXPERIENCE

Ultrasound workshops 07/2022
University of Connecticut, Hartford, CT
 - Instructed internal medicine residents on basic echocardiography techniques

Clinician-Educator Track 2019–2021
Rutgers New Jersey Medical School, Newark, NJ
 - Preceptor for cardiovascular physical exams for second-year medical students
 - Facilitated small groups on Health Equity and Social Justice course
 - Served as a longitudinal clinical instructor focusing on history-taking, physical exams, and clinical documentation for medical students
 - Developed and moderated six team-based learning sessions for internal medicine residents

GLOBAL HEALTH AND VOLUNTEER EXPERIENCE

Field Emergency Unit Physician 02/2018–05/2018
Hassan Sham Refugee Camp, Mosul, Iraq
 - Provided care to 800+ displaced refugees and performed 100+ bedside ultrasound studies in a UN field unit

Volunteer Doctor 10/2015–01/2016
Pier Giorgio Frassati Health Center, Kiabakari, Tanzania
 - Cared for 1,000+ underserved patients, including 150+ bedside ultrasound studies, trained 15 staff in ICU care, hypertension, and diabetes, and secured essential equipment for the health center

Volunteer English Teacher 09/2014
Niños del Lago San Pedro La Laguna, Guatemala

ADDITIONAL INFORMATION

Languages: Polish (native); English (near-native proficiency); Spanish (advanced proficiency; able to provide culturally competent care independently without an interpreter); German (basic).

Technical skills: R and Python for statistical analysis, data handling, and clinical cardiology research.

Personal interests: Literature, piano and music, travel, hiking, inline skating, and jogging.